

App. No. 10/772,715
Office Action Dated April 6, 2005

Amendments to the Claims:

This Listing of Claims will replace all prior versions and listing of claims in the application. No new matter has been added.

Listing of Claims:

18. (Currently Amended) A method of manufacturing a soda-lime glass that allows formation of nickel sulfide particles in a glass formed by melting to be suppressed by addition of a zinc compound to a glass raw material, comprising:

decreasing a content of a zinc oxide within a range of 0.006 to 2.0 wt. %, wherein when a content of total iron oxide (in terms of Fe₂O₃) in a glass is increased or decreased from a predetermined value, within a range of 0.005 wt. % to 0.06 wt. %, a content of the zinc oxide is decreased or increased from a predetermined value according to an increase or a decrease in the content of the total iron oxide, within a range of 0.006 to 2.0 wt. %, and

increasing a content of the zinc oxide within a range of 0.006 to 2.0 wt. %, when a content of total iron oxide (in terms of Fe₂O₃) in a glass is decreased within a range of 0.005 wt. % to 0.06 wt. %,

whereby the glass exhibits high transmittance with a visible light transmittance of 90.0% or higher on a basis of a 4.0 mm thick glass sheet, while suppressing formation of nickel sulfide particles in the glass.

19. (New) A method of manufacturing a soda-lime glass that allows formation of nickel sulfide particles in a glass formed by melting to be suppressed by addition of a zinc compound to a glass raw material,

decreasing a content of a zinc oxide from a value in range of 0.006 to 2.0 wt. %, when a content of total iron oxide (in terms of Fe₂O₃) in a glass is increased from a value in a range of 0.005 wt. % to 0.02 wt. %, and

increasing a content of the zinc oxide from a value in range of 0.006 to 2.0 wt. %, when a content of total iron oxide (in terms of Fe₂O₃) in a glass is decreased from a value in a range of 0.005 wt. % to 0.02 wt. %,

App. No. 10/772,715
Office Action Dated April 6, 2005

whereby the glass exhibits high transmittance with a visible light transmittance of 90.0% or higher on a basis of a 4.0 mm thick glass sheet, while suppressing formation of nickel sulfide particles in the glass.